

DuPont Performance Polymers Crastin® CE15315 NC010 Polybutylene Terephthalate (PBT) (Unverified Data**)&

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), 20% Glass Fiber Filled

Material Notes:

15% Glass Reinforced Flame Retardant Polybutylene Terephthalate Crastin CE15315 NC010 is a 15% glass reinforced flame retardant polybutylene terephthalate molding resin. It is recognized as UL94 V-0 at 0.71mm(0.028in).Information provided by DuPont Performance Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-Crastin-CE15315-NC010-Polybutylene-Terephthalate-PBT-nbspUnverified-Datal.php

Physical Properties	Metric	English	Comments
Density	1.50 g/cc	0.0542 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0070 cm/cm	0.0070 in/in	ISO 294-4 2577
Linear Mold Shrinkage, Transverse	0.010 cm/cm	0.010 in/in	ISO 294-4 2577

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	100 MPa	14500 psi	ISO 527-1/-2
Elongation at Break	3.1 %	3.1 %	ISO 527-1/-2
Tensile Modulus	5.96 GPa	864 ksi	ISO 527-1/-2
Charpy Impact Unnotched	3.18 J/cm ²	15.1 ft-lb/in ²	ISO 179/1eU
	3.01 J/cm ²	14.3 ft-lb/in ²	ISO 179/1eU
	@Temperature -30.0 °C	@Temperature -22.0 °F	
Charpy Impact, Notched	0.620 J/cm ²	2.95 ft-lb/in ²	ISO 179/1eA
	0.620 J/cm ²	2.95 ft-lb/in ²	ISO 179/1eA
	@Temperature -30.0 °C	@Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
Melting Point	223 °C	433 °F	10°C/min; ISO 11357-1/-3
Deflection Temperature at 1.8 MPa (264 psi)	200 °C	392 °F	ISO 75-1/-2
Flammability, UL94	V-0	V-0	IEC 60695-11-10
	@Thickness 1.50 mm	@Thickness 0.0591 in	
	V-0	V-0	

Thermal Properties	Metric @ Thickness 0.700 mm	English @ Thickness 0.0276 in	IEC 60695-11-10 Comments
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Electrical Properties	Metric	English	Comments
Comparative Tracking Index	200 V	200 V	IEC 60112

Descriptive Properties	Value	Comments
Delivery Form	Pellets	
Part Marking Code	>PBT-GF15FR(17)<	ISO 11469
Processing	Injection Moulding	
Regional Availability	Asia Pacific	
Resin Identification	PBT-GF15FR(17)	
UL recognition	UL	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China